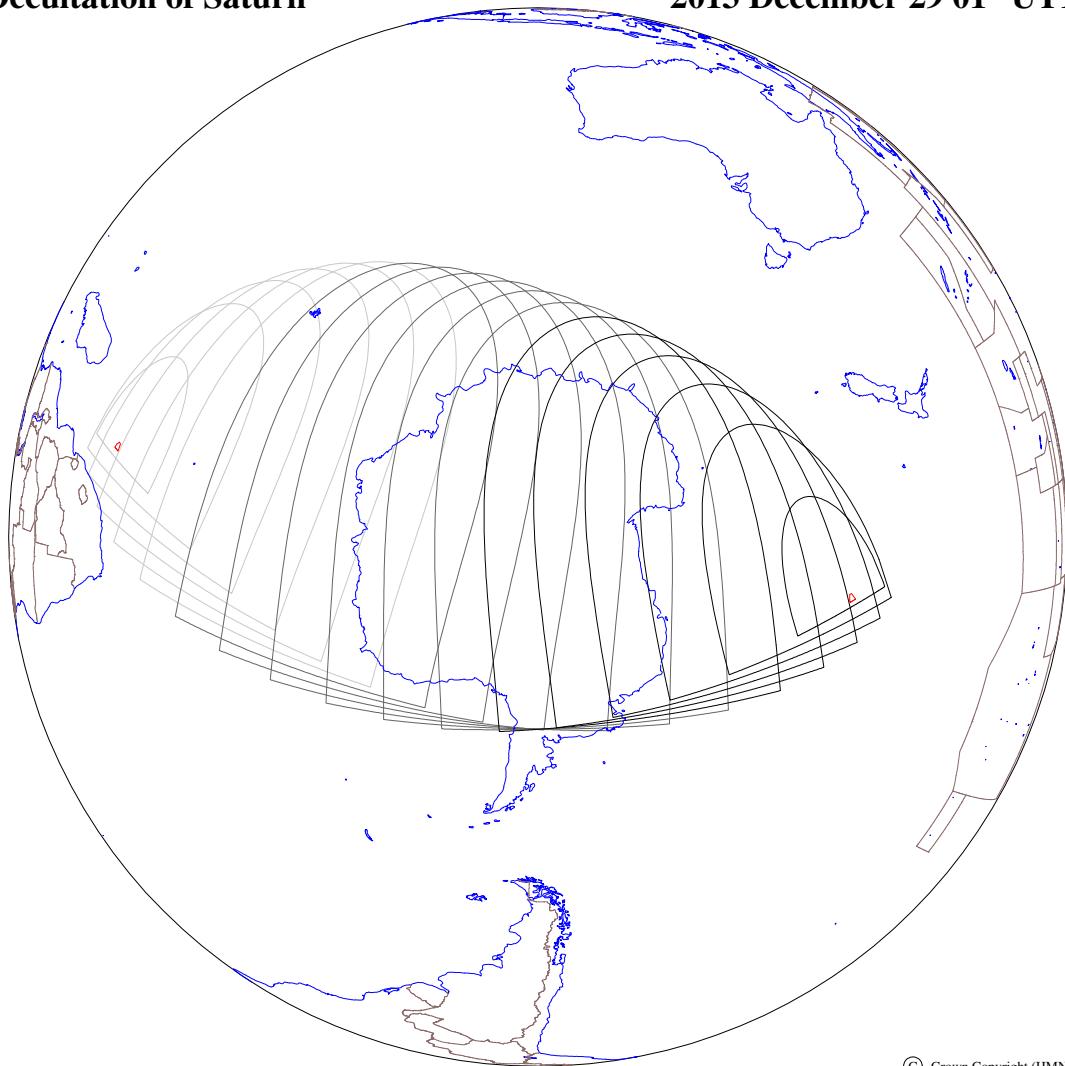


Occultation of Saturn

2013 December 29 01^h UT1



© Crown Copyright (HMNAO)

Conjunction	2013 December 29	Centre of the globe: longitude	109°7 E
Time	01 ^h 24 ^m 29 ^s TT	latitude	84°4 S
Right ascension	15 ^h 12 ^m 59 ^s	First shadow 2013 Dec. 28 at	23 ^h 37 ^m 3 UT1
Declination	-15° 40' 33"	Last shadow 2013 Dec. 29 at	02 ^h 35 ^m 6 UT1
Delta T = TT - UT1 =	67 ^s 0	Footprints (light to dark) every	00 ^h 10 ^m 0